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OF DRAWINGS

Attorney Docket No: P-LJ 5037

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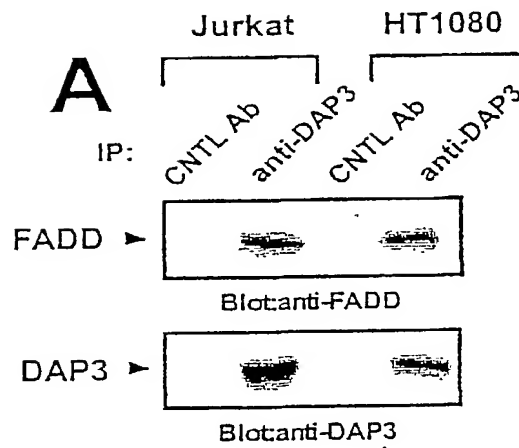
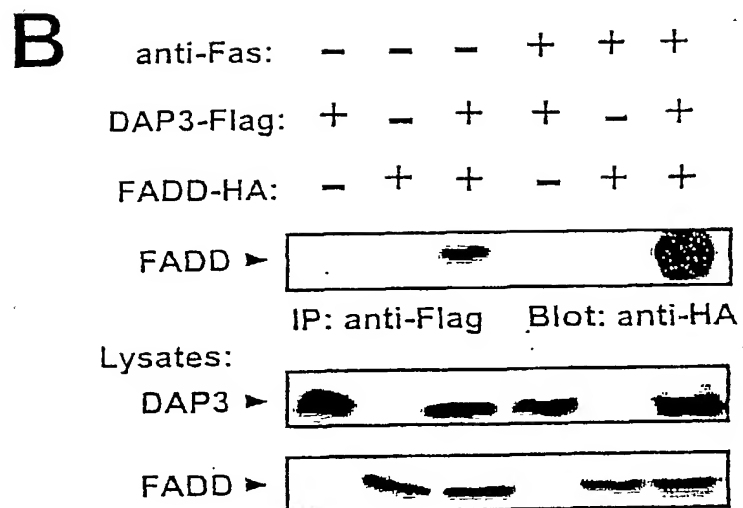


FIGURE 1A



**FIGURE 1B**

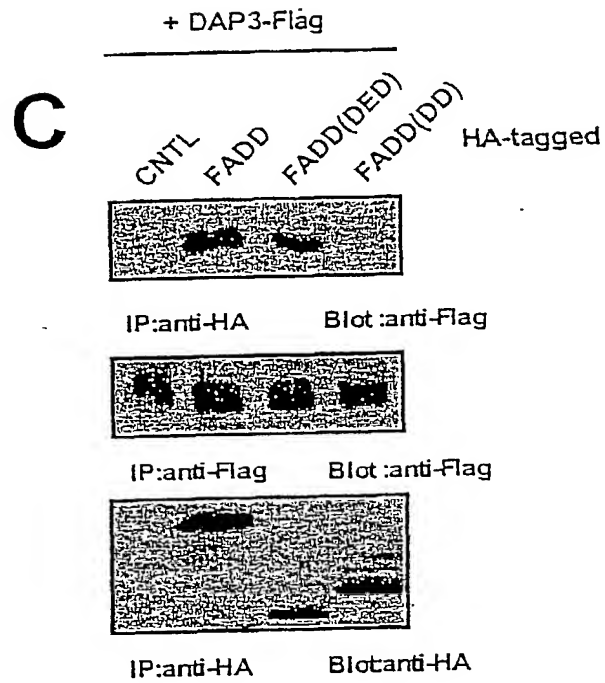
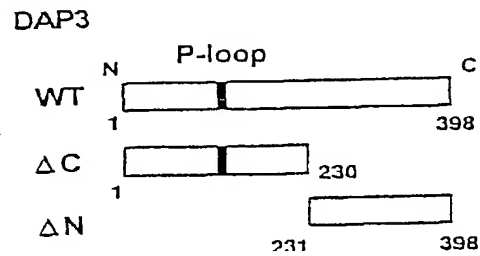
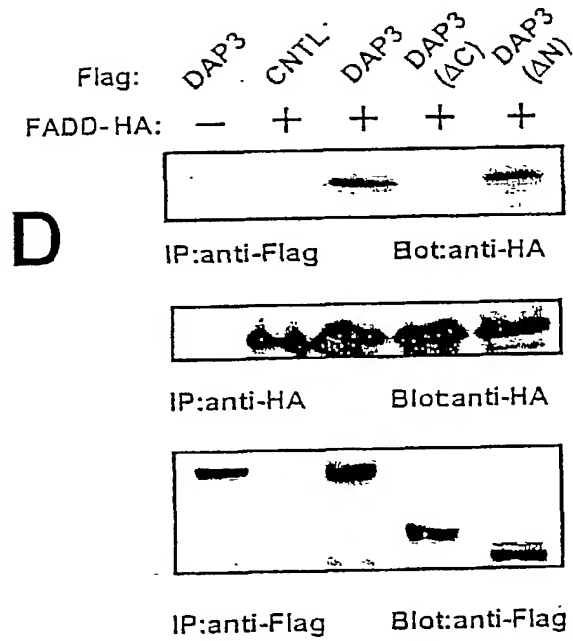


FIGURE 1C



**FIGURE 1D**

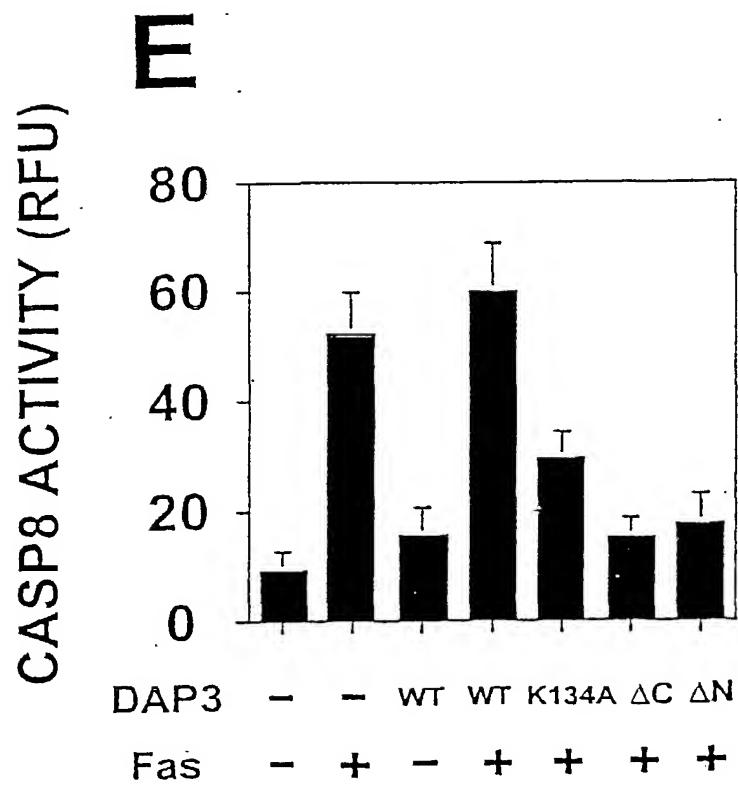


FIGURE 1E

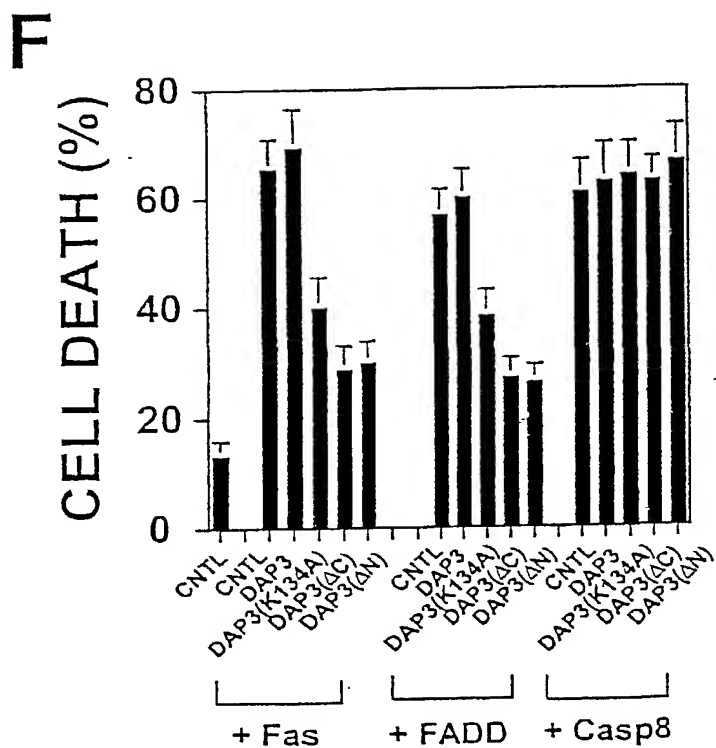


FIGURE 1F

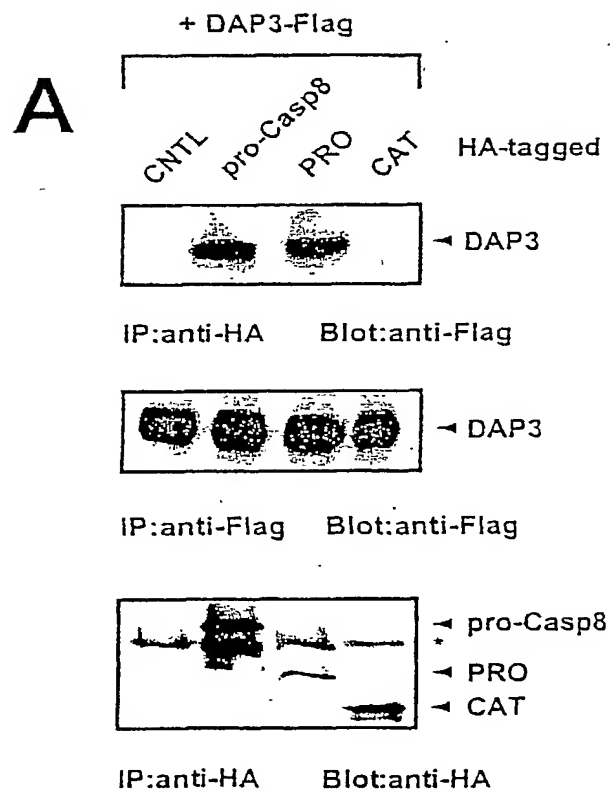


FIGURE 2A



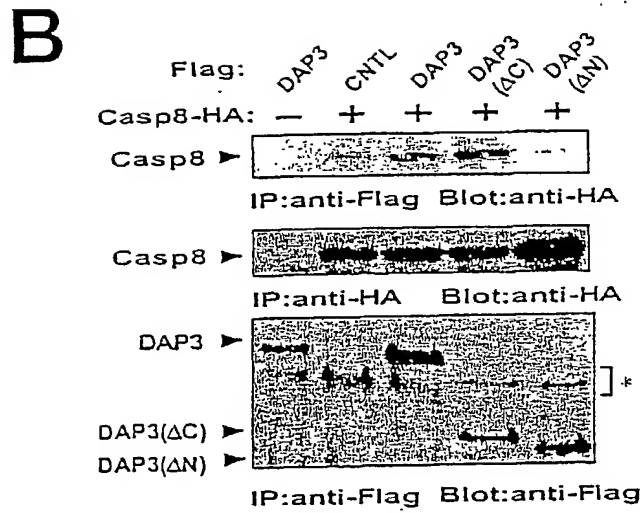


FIGURE 2B

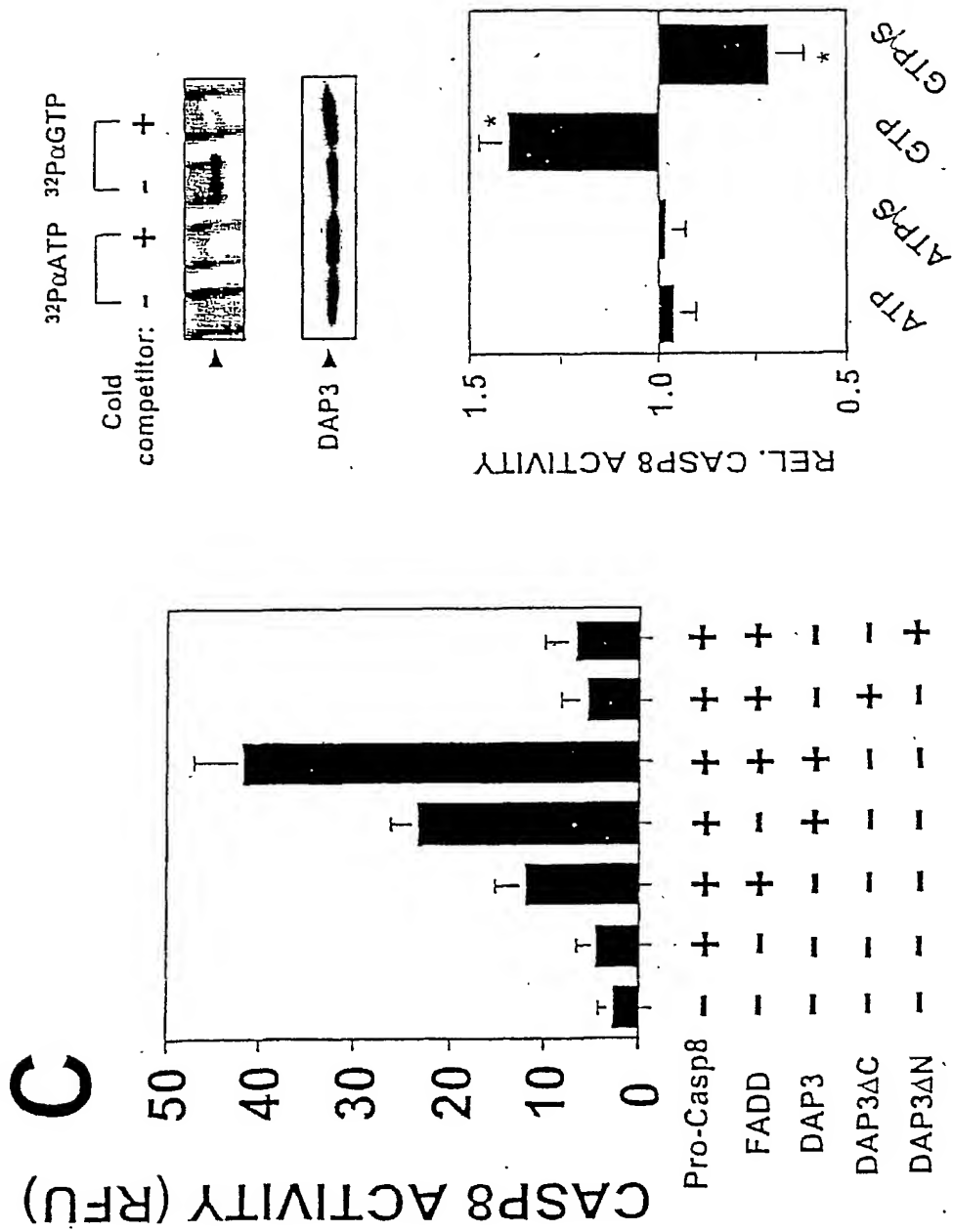


FIGURE 2C

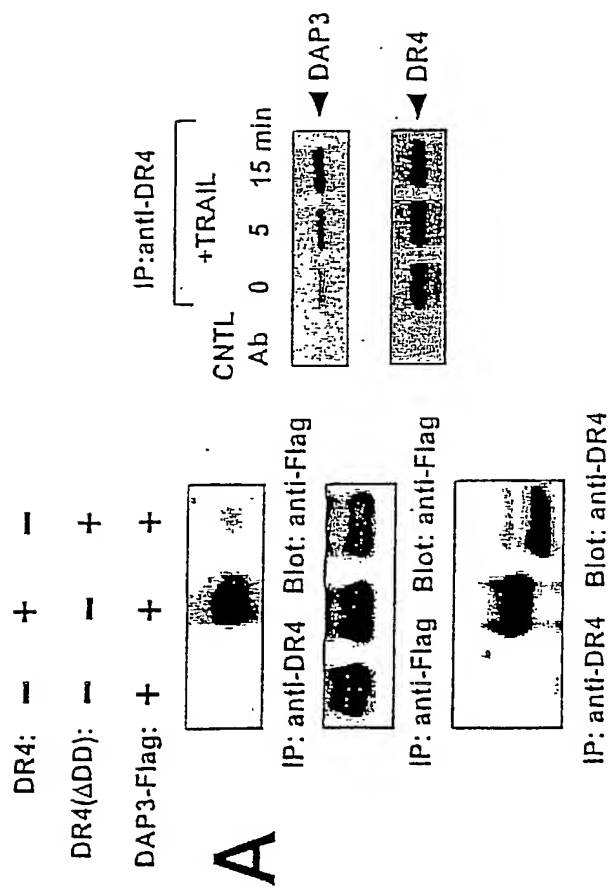


FIGURE 3A

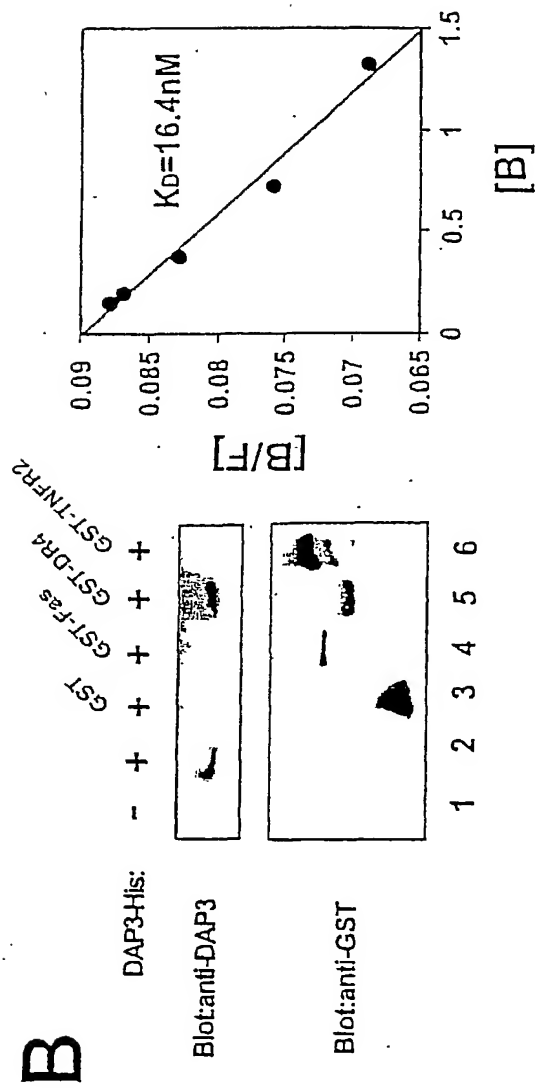


FIGURE 3B

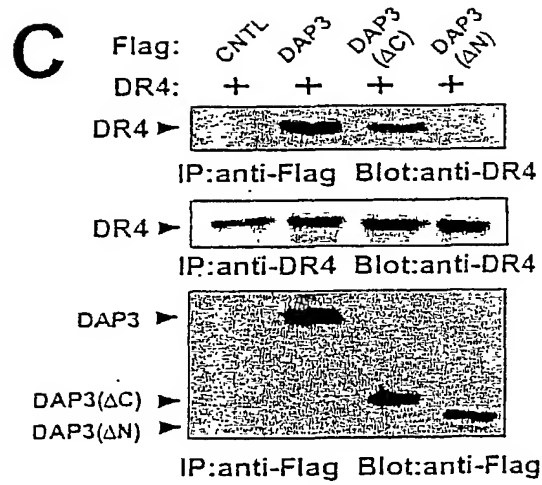


FIGURE 3C

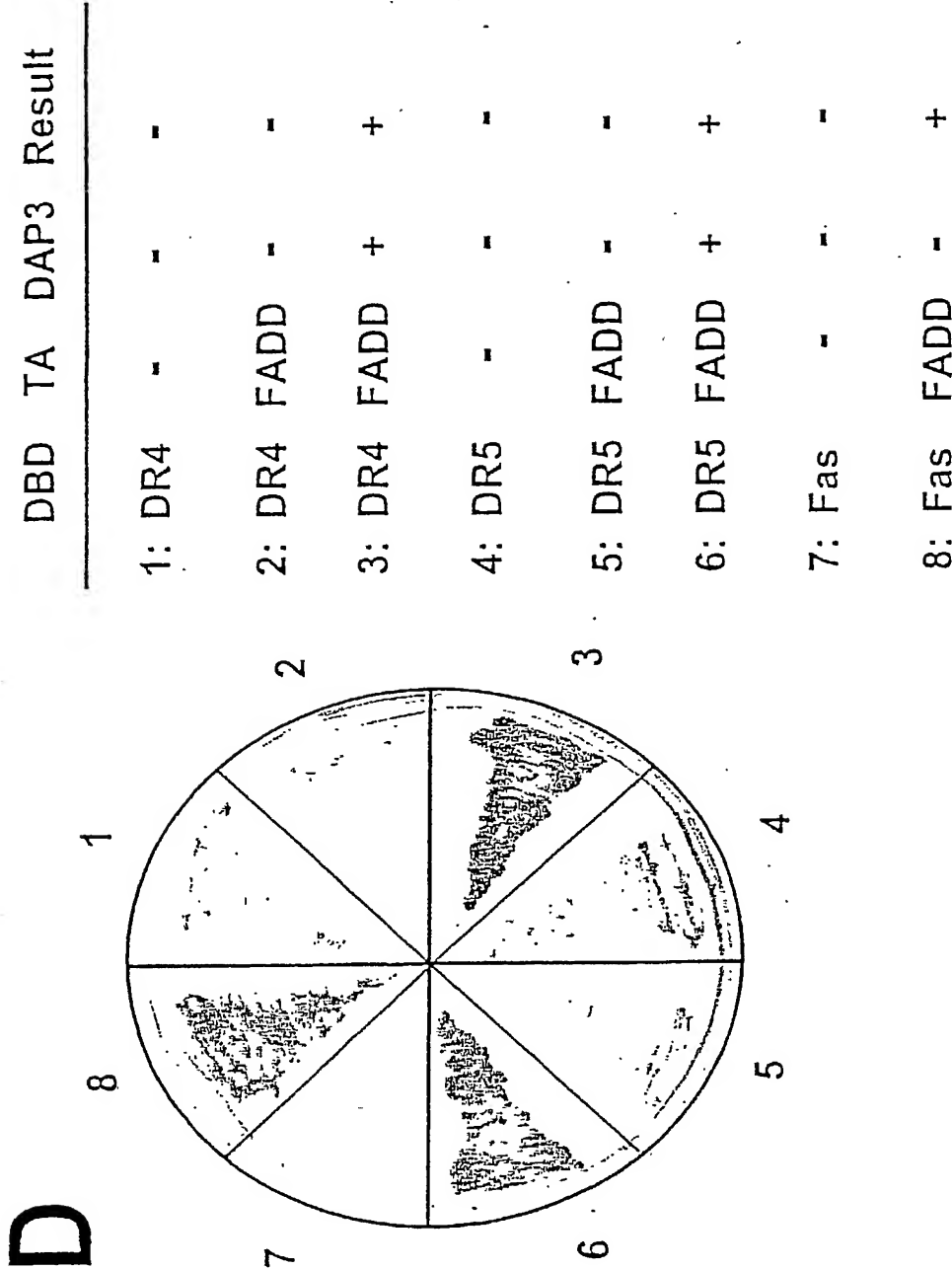


FIGURE 3D

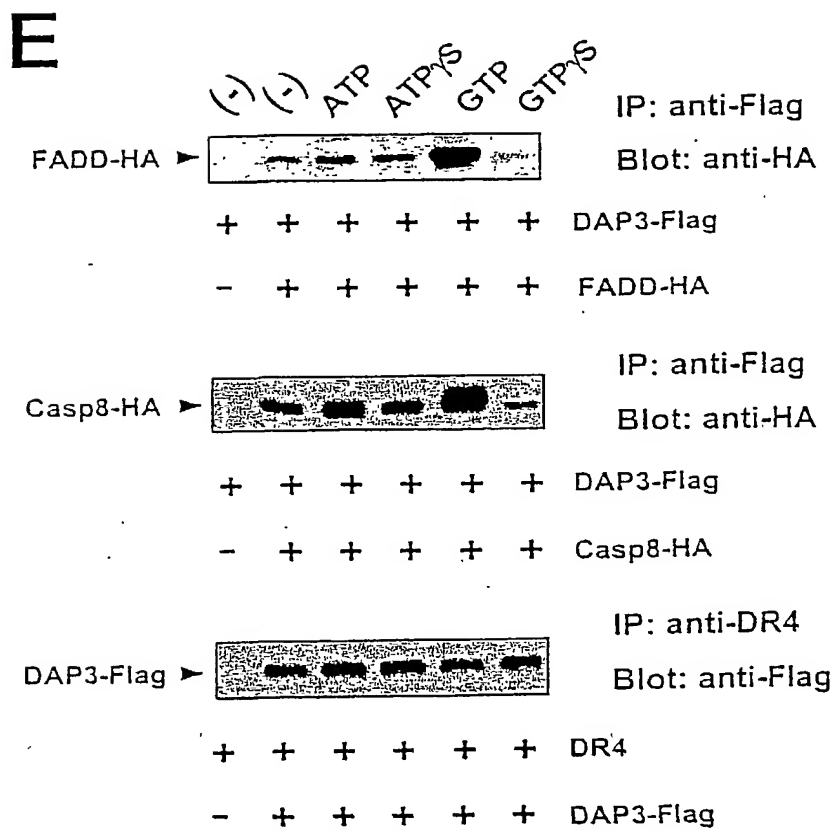


FIGURE 3E

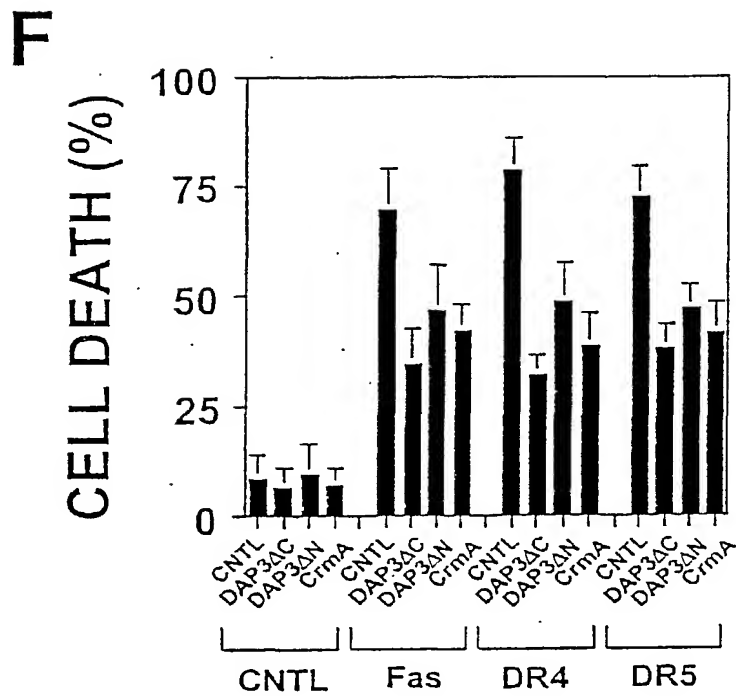


FIGURE 3F



G

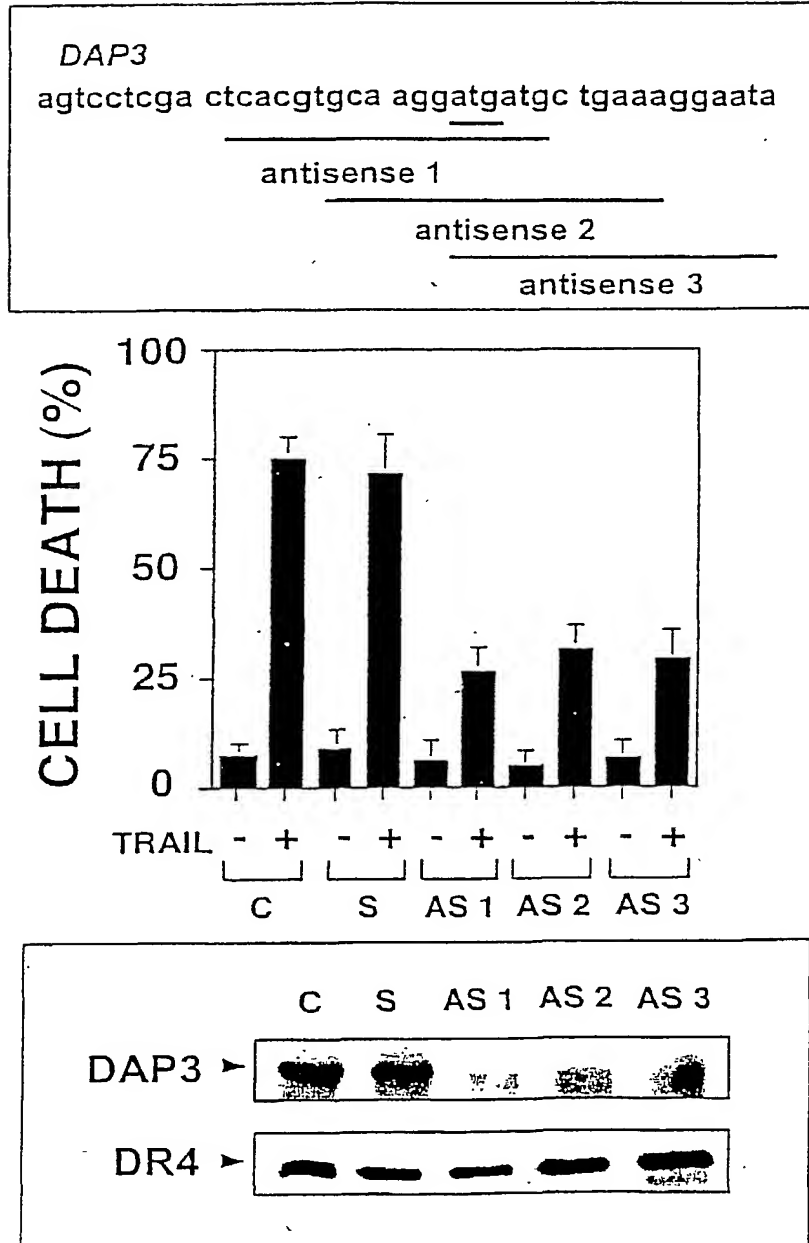


FIGURE 3G

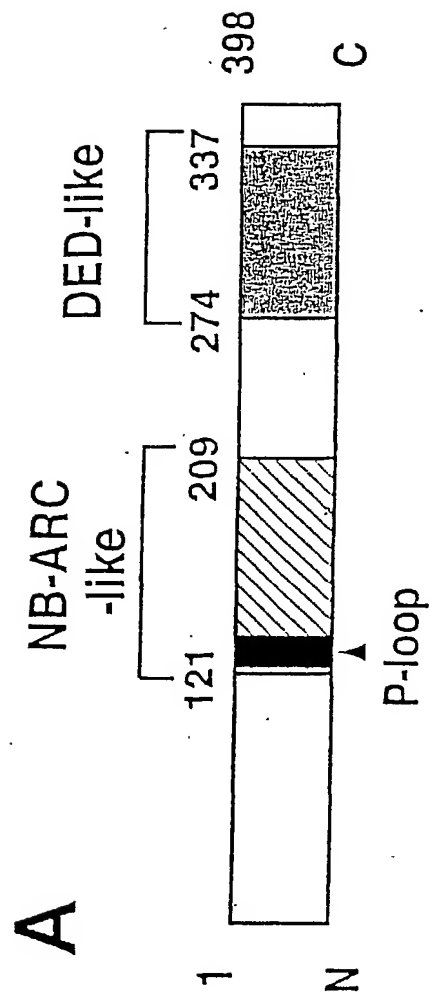


FIGURE 4A

[illegible][illegible]

FIGURE 4B, C

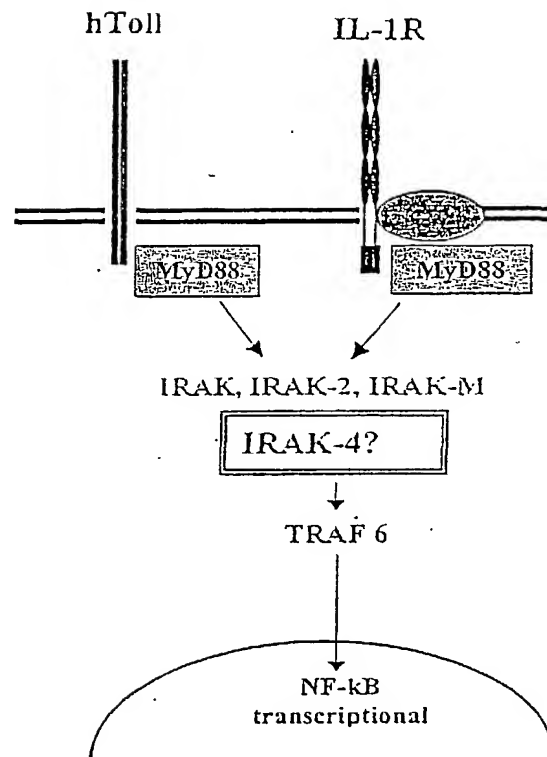


FIGURE 5

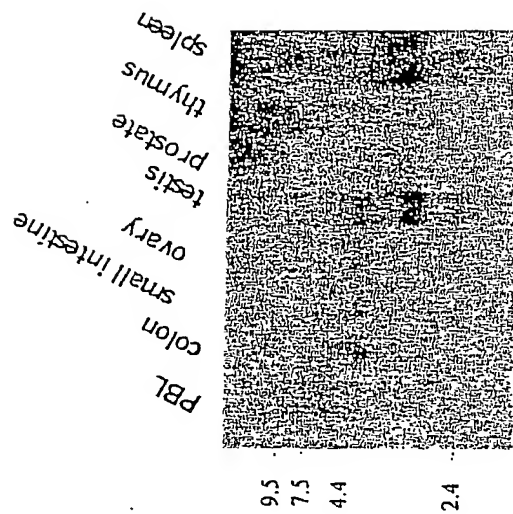


FIGURE 6

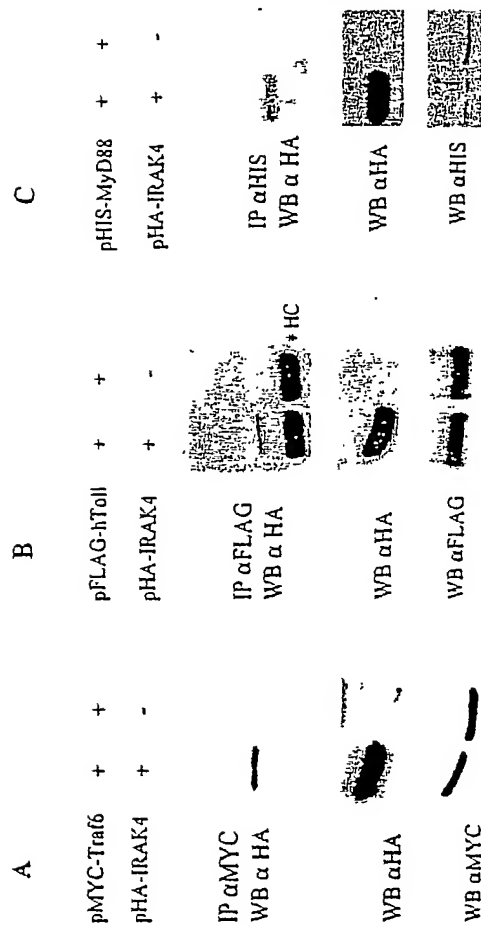


FIGURE 7

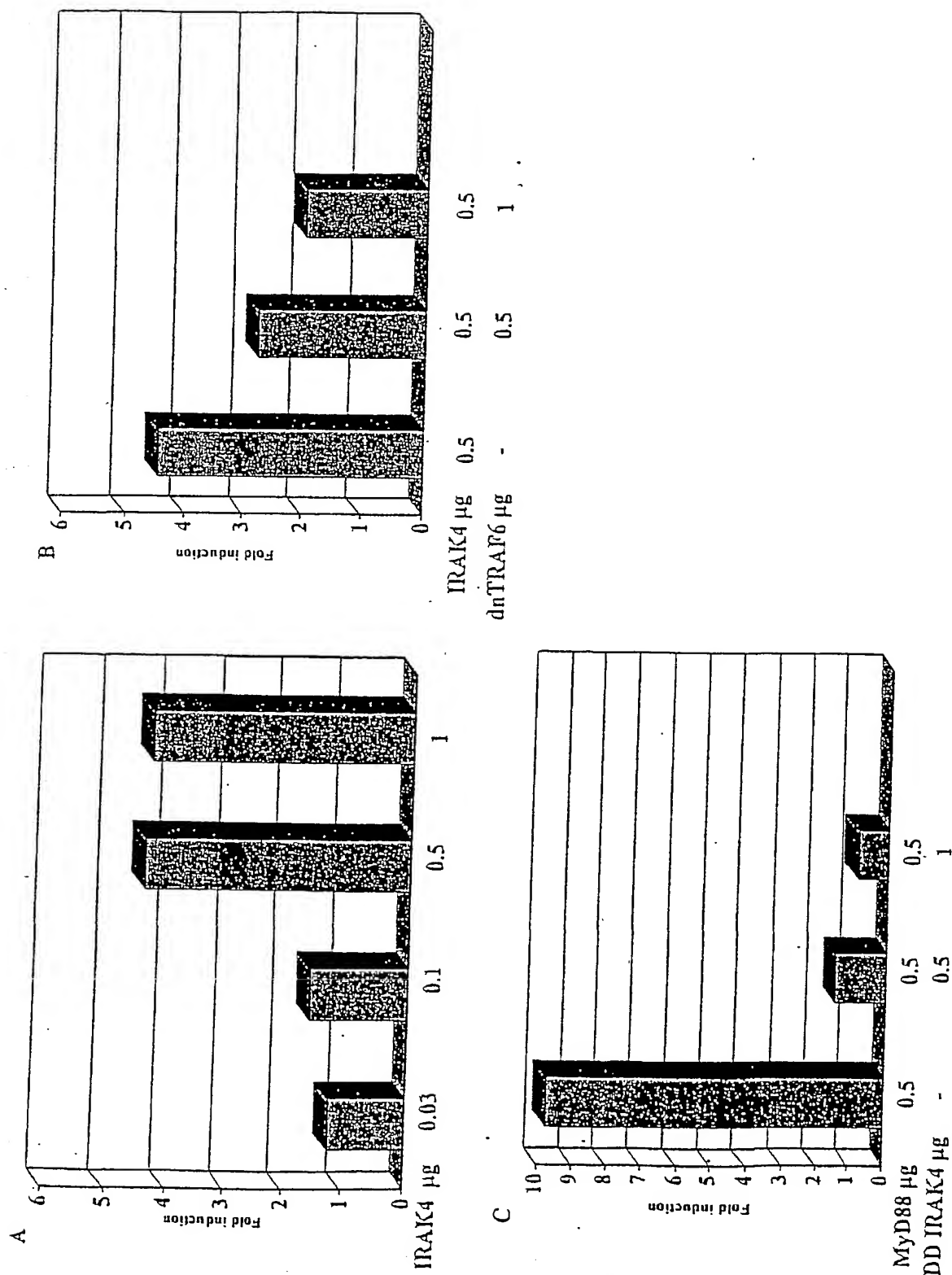


FIGURE 8

USPTO Customer No 23601 (858-535-9001)

23/32

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6755835_mDEDD
7673638_fDedd1
PDB FADD 1A1Z
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 PEEHGQEHGSSSHNNDYGTHTHTDYSSTHMDYD  
 TETCTSSSTSHLDEEYGSQTEFCGGVARYDHTPCYHPYPCGTEDPPG  
 MPDVEYHSHSSSSSSSTETELNCHG

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DED_4
4758144_hDEDD
6755835_mDEDD
7673638_fDeddl
PDB FADD 1A1Z
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 HHHG-----HH--H--NG--HH--A--QG--CDESN--  
 HHHG-----HH--H--NG--DEETAA--QG--CDESN--  
 EHGSPQANTPCP--H--SNO--NQPQ--EGCS--AS--H--P--SG--E--H--G--C--S--D--A--N--  
 --H--H--V--SG--D--H--S--H--H--D--H--P--G--H--

DED\_4  
4758144\_hDEDD  
6755835\_mDEDD  
7673638\_fDedd1  
PDB\_FADD 1A1Z

GOGLVLAHDTTPHIAAIPSP  
GOGLVLTHTHETPTATACF  
GOGLVLTHTHETPTATACF  
GOGLVLTHTHETPTATACF  
EGLVLAHDTTPHIAAIPSP  
EGLVLAHDTTPHIAAIPSP

FIGURE 9



a tgaacaaacc cataacacca tcaacatatg tgcgctgcct caatgttggga ctaattagga agctgtcaga  
ttttattgat cctcaagaag gatggaagaa gttagctgta gctattaaaa aaccatctgg  
tgatgataga tacaatcagt ttacacataag gagatttgaa gcattacttc aaactggaaa  
aagtcctcact tctgaattac tgtttgactg gggcaccaca aattgcacag ttggtgatct  
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gatgcctttc tgtgacaaag acaggacatt gatgacacct gtgcagaatc ttgaacaaag  
ctatatgcca cctgactcct caagtccaga aaataaaagt ttagaagtta gtgatacacg  
ttttcacagt ttttcatttt atgaattgaa gaatgtcaca aataactttg atgaacgacc  
cattctctgtt ggtggttaata aaatgggaga gggaggatctt ggagtgtat ataaaggcta  
cgtaaataac acaactgtgg cagtgaagaa gcttgcagca atggttgaca ttactactga  
agaactgaaa cagcagtttg atcaagaaat aaaagtaatg gcaaagtgtc aacatgaaaa  
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catgcctaata gggttcattgc tagacagact ctcttgcttg gatgggtactc caccactttc  
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tgctaaaata tctgactttg gccttgacag ggcttctgag aagtttgccc agacagtcac  
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aacacccaaa tctgatattt acagcttttg tgtgggtttta ctagaaataa taactggact  
tccagctgtg gatgaacacc gtgaacctca gttattgcta gatattaaag aagaaattga  
agatgaagaa aagacaattg aagattatat tgataaaaag atgaatgatg ctgattccac  
ttcagttgaa gctatgtact ctgttgctag tcaatgtctg catgaaaaga aaaataagag  
accagacatt aagaaggttc aacagctgct gcaagagatg acagcttctt aa

FIGURE 10A

Title: NOVEL DEATH DOMAIN PROTEINS  
Inventors: Reed et al.  
Serial No.: 10/001,254  
Filing Date: November 15, 2001  
Attorney Docket: P-LJ 5037  
USPTO Customer No. 23601 (858-535-9001)

25/32

MNKPITPSTYVRCLNVGLIRKLSDFI DPQEGWKKLAVAIKKPSG  
DDRYNQFHIRRFEALLQTGKSPTSELLFDWGTTNCTVGDLVDLLIQNEFFAPASLLLP  
DAVPKTANTLPSKEAITVQQKQMPFCOKORTLMTPVQNLEQSYMPPDSSSPENKSLEV  
SDTRFHSESFYELKNVTNNFDERPISVGGNKMGE GFGVVYKGYVNNTTVAVKKLAAM  
VDITTEELKQQFDQEIKVMAKCOHENLVELLGFSSDGD LCLVYVYMPNGSLLDRLSC  
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ASEKF AQTVMTSRIVGTTAYMAPEALRGEITPKSDIYSFGVVLLEIITGLPAVDEHRE  
PQLLLDIKEEIEDEEKTIEDYIDKKMNDADSTSVEAMYSVASQCLHEKKNKRPDIKKV  
QQLLQEMTAS

FIGURE 10B

Title: NOVEL DEATH DOMAIN PROTEINS  
Inventors: Reed et al.  
Serial No.: 10/001,254  
Filing Date: November 15, 2001  
Attorney Docket: P-LJ 5037  
USPTO Customer No. 23601 (858-535-9001)

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Death domains:

*C. pneumoniae*

DLWRQFALSLGVSEEEELANHEFSQAAQDMVATFRRLCDMPQLAVGLGALYTYEIQIPQVCVEKIR

*C. muridarum*

DLWKQFVFALGVSSSEEAHEPSEAAKAKVATFMRWCTGDSLAAAGVAALYSYESQIPCVAKEKIR

*C. psittaci*

DLWKNFAYALGVTEEELENHVPSAAAQKKVDTFLRWCTGDSL SAGVAALYTYESQIPTVAETKIS

FIGURE 11A

GI:7190927

ORGANISM Chlamydia muridarum

ORIGIN

1 mesrkgikev smnfldqla iiqnkhmleh pfymkwske ltkeqlqaya  
kdyylhikaf

61 pkylsaihsr cddlearkll ldnlmdeeng ypnhidlwkq fvfalgsse  
eleahepsea

121 akakvatfmr wctgdslaag vaalysyesq ipcwakekir glieyfgfsn  
pedyayfteh

181 eeadvrhare ekaliemlsr ddsdkvleas revtqslygf ldsflepatc  
chchka

GI:7468151

ORGANISM Chlamydophila pneumoniae [Chlamydia pneumoniae]

ORIGIN

1 mtswielldk qiedqhmlkh efyqrwsegk lekqqlqaya kdyylhikaf  
pcylsalhar

61 cddlqirrqi lenlmdeeag npnhidlwrq falslgvsee elanhefsqa  
aqdmvatfrr

121 lcdmpqlavg lgalytyeiq ipqvcvekir glkeyfgvsa rgyayftvhq  
eadikhasee

181 kemlqtlvgr enpdavlqgs qevldtlwnf lssfinstep csck

FIGURE 11B

```
6405                                     ttaagc tttgtgacaa
6421 tgacaacatg ttgcaggctc taaaaatgaa tccaaaaagc cgtataaaga ttgtgtaact
6481 tctcgogaag cttctaaaac tttgtcgcta tcatctctag acaacatctc aattaaggcc
6541 ttttcttccc tagcatgacg cacatcagct tcttcatgct ccgtgaaata agcataatct
6601 tcaggattag aaaagccaaa gtactcaatc aatccacgaa tttttctctt agctacgcaa
6661 ggaatttgac tttcataaga atacaaagcc gctactcctg ctgctaaaga atcccctgtg
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7021 aaaggggtgt ctaacatatg tttgttttga ataattgcat ctagctgac taaaaaatc
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FIGURE 11C

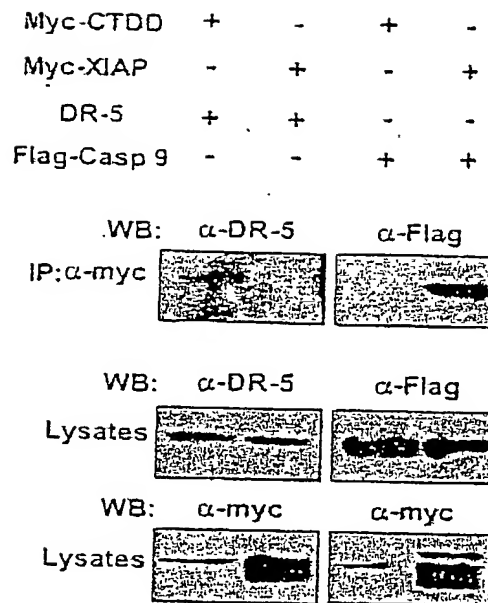


FIGURE 12

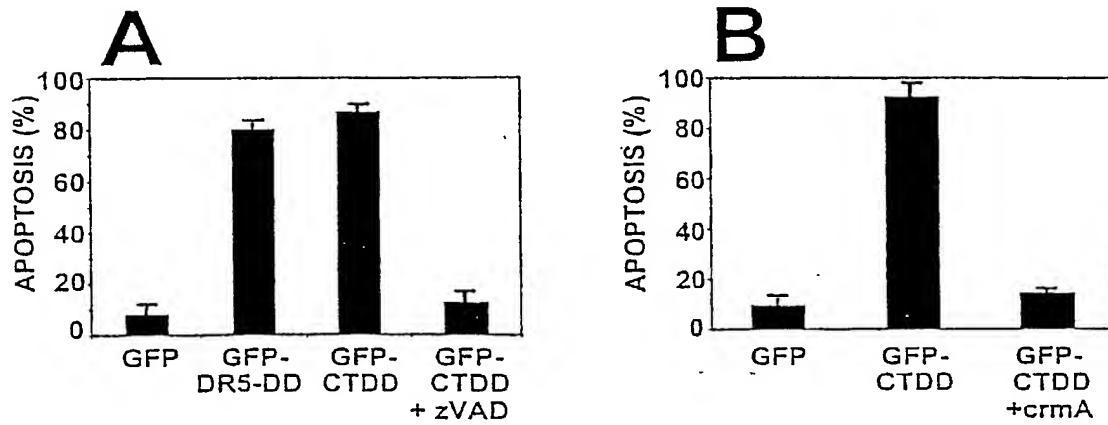


FIGURE 13

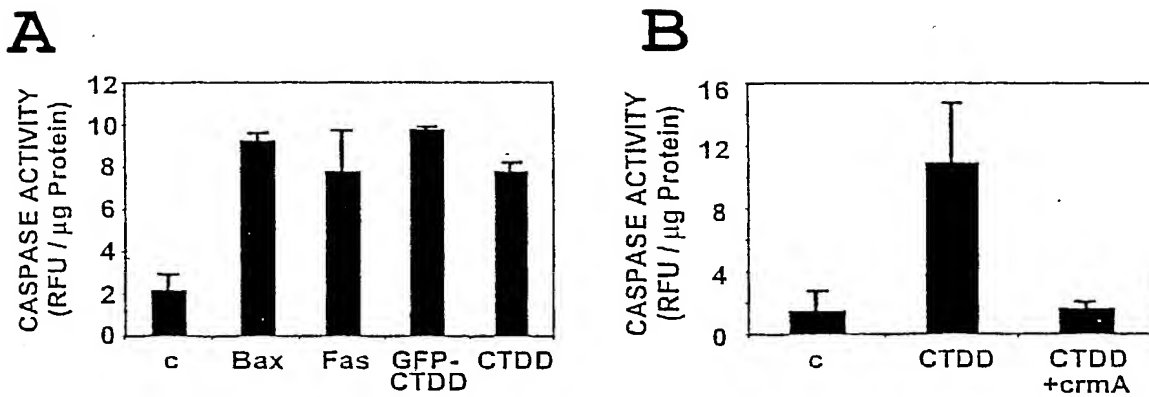


FIGURE 14



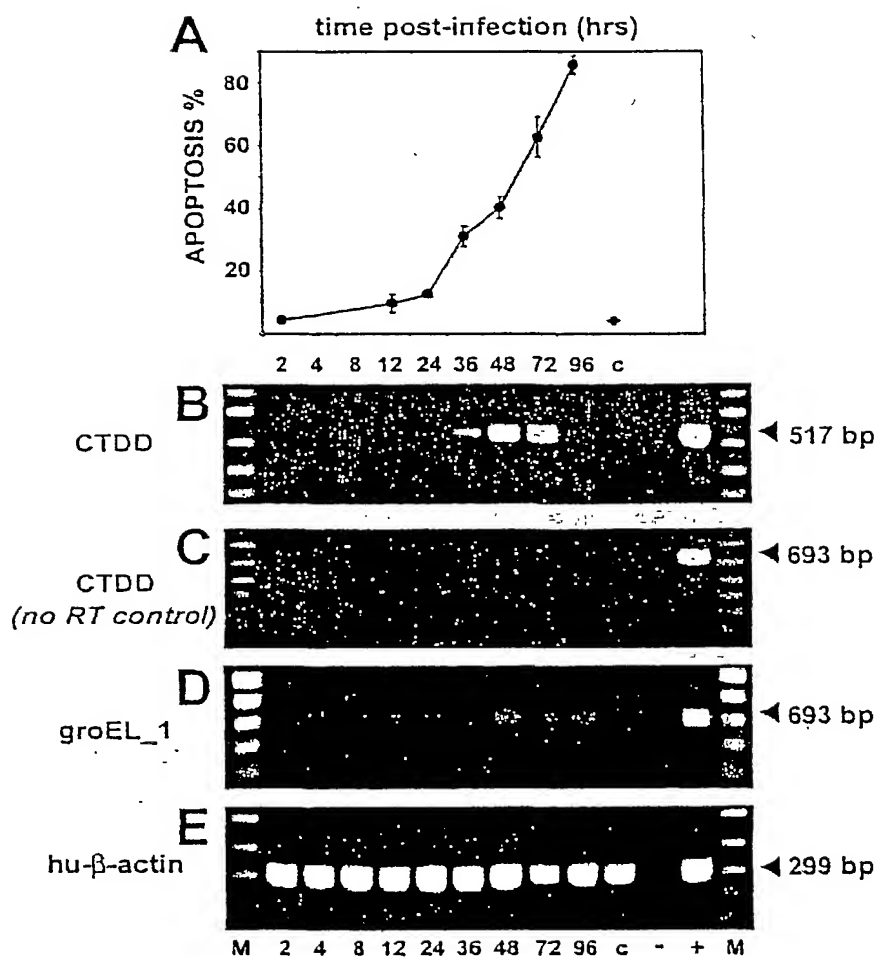


FIGURE 15